

Appl. No.: 10/709,221
Amendment dated September 8, 2008
Reply to Office Action of March 6, 2008

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AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. - 14. (Canceled).

15. (Currently Amended) A method of archiving selected segments of recorded audio/visual data, comprising:

recording audio/visual data continuously using a recording device;

storing recorded audio/visual data on an interim storage device, the interim storage device in data communication with the recording device so that the interim storage device is receiving recorded audio/visual data while the recording device is recording audio/visual data;

allowing a user to mark selected segments of the recorded audio/visual data so as to identify portions of the recorded audio/visual data of significance to the user essentially in real-time without interrupting the recording;

allowing the user to associate at least the marked selected segments of audio/visual data with tag data identifying the content of the marked segments; and

~~categorizing the marked selected segments of audio/visual data using the associated tag data.~~

downloading marked segments of recorded audio/visual data from the interim storage device to a second storage device, different from the interim storage device,

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while using as a selection criterion for downloading that marked segments get downloaded.

16. (Previously Presented) The method of claim 15, wherein the user marks selected segments of the recorded audio/visual data while the audio/visual data is stored on the interim storage device.

17. (Currently Amended) The method of claim 15, further comprising ~~transferring at least the marked selected segments of audio/visual data to archival storage~~ allowing the interim storage device to overwrite segments of recorded audio/visual data but not allowing the interim storage device to overwrite marked segments of recorded audio/visual data that have not been downloaded to the second storage device.

18. (Previously Presented) The method of claim 15, further comprising transmitting the recorded audio/visual data from the recording device to the interim storage device wirelessly.

19. (Currently Amended) The method of claim 15, ~~wherein allowing the user to mark selected segments and allowing the user to associate the marked selected segments with tag data occur when the recorded audio/visual data is stored either on the recording device or on the interim storage device.~~ further comprising allowing a user to associate at least one tag with a marked segment.

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20. (Previously Presented) The method of claim 15, wherein the recording device is mounted to a stationary point, a mobile point, or a user.

21. (Currently Amended) The method of ~~claim 15, wherein the tag data is defined by the user~~ claim 19 wherein the at least one tag has tag data and the characters in the tag data may be provided by user input.

22. (Previously Presented) The method of claim 15, further comprising overwriting at least some unmarked segments of audio/visual data when the interim storage device becomes full.

23. (Previously Presented) The method of claim 15, wherein allowing the user to mark the selected segments of the recorded audio/visual data comprises allowing the user to mark a beginning of each selected segment and an end of each selected segment.

24. (Currently Amended) A system for archiving selected audio/visual data, comprising:
a camera constructed and adapted to record audio/visual data ~~continuously~~ and to transmit ~~the recorded~~ audio/visual data while continuing to record;

a first storage device constructed and adapted to receive the transmitted recorded audio/visual data from the camera and to store the recorded audio/visual data, the first storage device ~~having~~ having:

~~a memory module~~ at least one memory that stores received audio/video data,

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a graphical user interface adapted to display the recorded audio/visual data,
and
at least one user ~~inputs~~ input device coupled to the graphical user interface,
the first storage device being further constructed and adapted to allow a user using the
user ~~inputs~~ inputs:

(1) to mark segments of the recorded audio/visual data that are deemed to be
significant by the user without interrupting the recording of the transmitted audio/visual data
received from the camera while the camera continues to record and transmit, and
~~(2) to allow the user to create tag data describing the marked segments,~~
~~(3) to associate the marked segments with the tag data, and~~
~~(4) to catalog the marked segments according to the associated tag data; and~~
the first storage device adapted to automatically select marked segments for sending to an
archival storage device constructed and adapted to receive the marked segments of the recorded
audio/visual data and to store the marked segments.

25. (Currently Amended) The system of claim 24, wherein the camera is constructed and
adapted to transmit ~~the recorded~~ audio/visual data to the first storage device wirelessly.

26. (Currently Amended) The system of claim 24, wherein the camera is constructed and
adapted to transmit ~~the recorded~~ audio/visual data to the first storage device through a wired
connection.

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27. (Previously Presented) The system of claim 24, wherein the camera is constructed and adapted to be worn by the user.

28. (Currently Amended) A method for selecting a subset of audio/visual data for archival storage, the subset selected from an interim storage device receiving audio/visual data from a recording device during a recorded event, the interim storage device having a storage capacity for audio/video data, the total amount of audio/visual data received by the interim storage device during the recorded event exceeding the storage capacity for audio/video data for that interim storage device, the method comprising:

~~allowing a user to record audio/visual data continuously using at least one camera;~~
using at least one camera to record audio/visual data;
sending the audio/visual data from the at least one camera to the interim storage device
while continuing to record the recorded event;
~~allowing the user to mark selected segments of the recorded audio/visual data so as to~~
~~identify portions of the recorded audio/visual data of significance to the user essentially in~~
~~real time without interrupting the recording;~~
allowing a user to view recorded audio/visual data and to mark selected segments of
the audio/visual data for retention while continuing to record audio/visual data,
~~allowing the user to associate at least the marked selected segments of~~
~~audio/visual data with tag data identifying the content of the marked segments;~~
~~categorizing the marked selected segments of audio/visual data using the~~
~~associated tag data;~~

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archiving at least the marked selected segments by automatically sending the selected marked segments to archive storage after a download is initiated by a download trigger;
and

~~selectively erasing at least some unmarked recorded audio/visual data; and~~
~~continuing the method for an essentially indeterminate period of time without terminating recording~~

protecting, within the interim storage device, marked selected segments of audio/visual data that have not been sent to archive storage from being overwritten by incoming audio/visual data.

29 - 33. (Cancelled)

34. (Currently Amended) A ~~machine~~computer-readable medium with ~~machine~~computer-readable instructions encoded thereon, the ~~machine~~computer-readable medium being interoperable with one or more ~~machines~~ computers to operate an interim storage device to:

~~control the continuous recording of at least one camera;~~
~~allow a user to mark selected, user significant segments of recorded audio/visual data;~~
~~associate the marked, selected segments of recorded audio/visual data with tag data~~
~~identifying the contents of the marked, selected segments; and~~
~~categorize the marked, selected segments of recorded audio/visual data according to the associated tag data.~~

record audio/visual data received from a camera;

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allow a user to view recorded audio/visual data and to mark selected segments of the audio/visual data for retention while continuing to record audio/visual data received from a camera,

archive the marked selected segments by automatically sending the selected marked segments to archive storage after a download is initiated by a download trigger; and protect, within the interim storage device, marked selected segments of audio/visual data that have not been sent to archive storage from being overwritten by incoming audio/visual data.

35. (Currently Amended) The ~~machine~~computer-readable medium of claim 34, wherein the ~~machine~~computer-readable instructions are further interoperable with one or more ~~machines~~ computers to

~~manage storage space available on the one or more machines so as to transfer at least the marked, selected segments of recorded audio/visual data to archival storage.~~

allow the user to associate at least the marked selected segments of audio/visual data with tag data identifying the content of the marked segments.

36. (Cancelled)

37. (New). The system of claim 24 wherein marked segments are sent from the first storage device to the archival storage device automatically based upon available storage space in the first storage device.

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38. (New) The system of claim 24 wherein marked segments are sent from the first storage device to the archival storage device upon user request.
39. (New) The system of claim 24 wherein marked segments are sent from the first storage device to the archival storage device automatically after a pre-set time lapse.
40. (New) The method of claim 28 wherein a download trigger that may initiate sending the selected marked segments to archive storage is based upon available storage space in the interim storage device.
41. (New) The method of claim 28 wherein a download trigger that may initiate sending the selected marked segments to archive storage is a user request.
42. (New) The method of claim 28 wherein a download trigger that may initiate sending the selected marked segments to archive storage is a pre-set time lapse.
43. (New) The method of claim 28 further comprising allowing the user to associate at least the marked selected segments of audio/visual data with tag data identifying the content of the marked segments.